

Missouri Department of Natural Resources

Total Maximum Daily Load Information Sheet

Cameron Lakes

Waterbody Segments at a Glance:

County:	DeKalb
Nearby City:	Cameron
Lake #1:	25 acres
Lake #2:	35 acres
Lake #3:	96 acres
Pollutant:	none
Source:	none

Note: All three reservoirs now meet state drinking water source standards for Atrazine and have been deleted from the 2002 303(d) List.



State map showing location of watershed

TMDL Priority Ranking: N/A

Beneficial uses of the Cameron Lakes

- Livestock and Wildlife Watering
- Protection of Warm Water Aquatic Life
- Protection of Human Health associated with Fish Consumption
- Boating
- Drinking water supply

Use that is impaired

- Drinking water supply

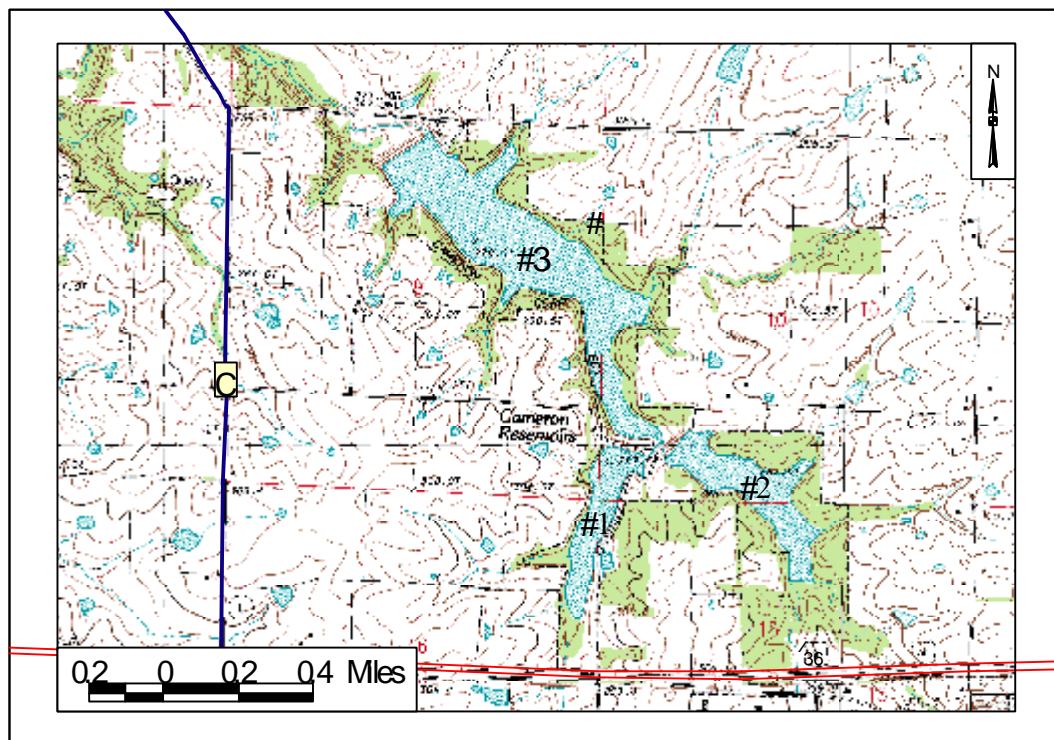
Standards that apply

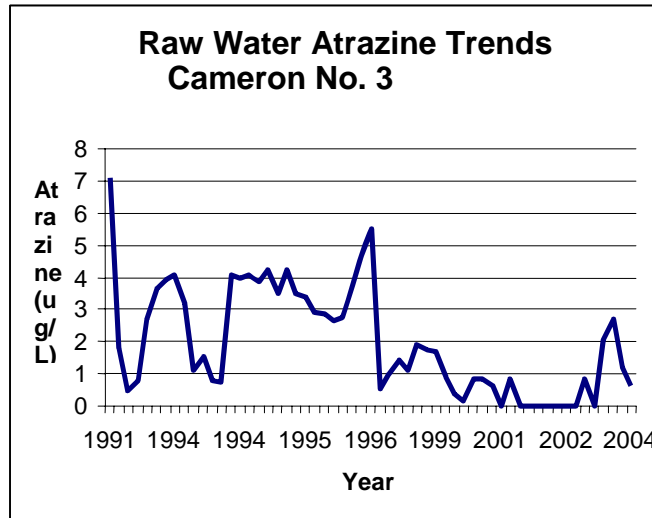
- The impairment of the lakes is based on exceedence of the specific criterion of three micrograms per liter ($\mu\text{g/L}$) atrazine, as an average of the period of record, contained in Missouri's Water Quality Standards. 10 CSR 20-7.031 Table A

The Cameron Lakes are a series of three reservoirs within a watershed of 3,251 acres. They provide public drinking water for the city of Cameron. Runoff from corn and sorghum production areas in the watershed has resulted in measurable amounts of atrazine within the lakes. Atrazine is considered a possible human carcinogen, so the state standard is set at three $\mu\text{g/L}$ or parts per billion.

The DeKalb County Soil and Water Conservation District, with support from the department's Soil and Water Conservation Program, is implementing an Agricultural Non-Point Source Special Area Land Treatment (AgNPS SALT) project that covers the Cameron Lakes Watershed and the adjoining Grindstone Watershed. The project runs from 1998 through 2006. Objectives of the project include lowering the use of atrazine and adoption of management techniques that will reduce non-point source (pollution of a widespread or diffuse nature) pollutants. Monitoring in Lake No. 3 which receives all flows from Lakes No. 1 and 2 shows generally declining levels of Atrazine over time. All three reservoirs were removed from the 2002 303(d) list because long term average levels of Atrazine are now below the state standard.

Cameron Lakes (Reservoirs) near Cameron, in DeKalb County, Missouri





Data Sources: City of Cameron, University of Missouri, Missouri Department of Natural Resources

For more information call or write:

Missouri Department of Natural Resources

Water Protection Program

P.O. Box 176, Jefferson City, MO 65102-0176

1-800-361-4827 or (573) 751-1300 office

(573) 522-9920 fax

Program Home Page: www.dnr.mo.gov/env/wpp/index.html